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AGRICULTURAL LIBRARIES INFORMATION NOTES



ENERGY EXTENSION SERVICE

The Energy Extension Service (EES) is a new Federal program of the U.S. Department of Energy to implement energy conservation measures and to encourage the use of renewable energy sources. The program works through the states, which design and implement activities for assisting energy consumers to adopt energy-efficient practices and technologies. At present, the EES is an 18-month pilot program involving grants of about \$1.1 million each to ten states. Grants of \$30,000 will be made to the remaining states and territories to observe the progress of the pilot states and to prepare for participation in a nationwide program. The evaluation of the start-up of the EES is being conducted by ICF, Incorporated of Washington, D.C. with the assistance of WESTAT, Incorporated of Rockville, Maryland.

OVERALL PROGRAM OBJECTIVES

The program is a cross-cutting effort that touches a number of "outreach" areas: public education, consumer affairs, federal-state relations, and community efforts to conserve energy.

- . Help Energy users and small establishments to reduce energy consumption and convert to renewable energy sources.
- . Provide feedback to the Department of Energy (DOE) and other decision makers regarding institutional and technological barriers to the adoption of energy-saving measures.
- . Help reduce the impact of fuel shortages and price increases on small consumers by developing a credible assistance and information program that facilitates the adoption of energy-saving measures.

Program services are designed and operated by the states rather than by the federal government. DOE/EXT provides oversight, guidance, and technical assistance to the states to aid them in implementing their programs.

EES focuses on small energy consumers who collectively use about 40 percent of the energy consumed annually in the United States. These include residential energy consumers, small business and agricultural operations, schools, hospitals, and state and local governments. The program also addresses groups that influences energy use such as architects, builders, and bankers.

EES aims to provide direct, personalized assistance to these audiences to help ensure adoption of energy-saving techniques. Examples of such assistance are building audits, specialized training, workshops, and hotline services.

EES is designed to supplement other outreach programs and thus avoid duplication.

PILOT PROGRAM

The pilot demonstration has been initiated in ten states: Alabama, Connecticut, Michigan, New Mexico, Pennsylvania, Tennessee, Texas, Washington, Wisconsin, and Wyoming. The objectives are:

- . To test the effectiveness of providing local, personalized assistance and information to small energy consumers as a means of encouraging the adoption of energy conservation measures and renewable fuel technologies.

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- To determine the most promising methods of designing and operating state energy extension services.
- To test approaches to collecting and using information on technical and institutional barriers to consumers' adoption of energy measures.
- To determine the best ways to provide federal support to the state energy extension programs.

NEXT STEPS


The EES authorizing legislation calls for issuance of nationwide program guidelines by October 1, 1978. Funding of a nationwide program is subject to congressional appropriations for FY 79. If such funds are appropriated, nationwide program guidelines will be drafted and made available in mid-1978 for public comment.

PROGRAM CONTACT

Judith M. Liersch, Director
Energy Extension Service
Room 5110, Department of Energy
Washington, D.C. 20545
202/376-4146

EVALUATION OF THE NATIONAL ENERGY EXTENSION SERVICE PILOT DEMONSTRATION

The evaluation will record the experience of the ten pilot state EES programs to assess their effectiveness in delivering energy assistance services and to estimate energy savings and substitutions achieved. The primary purpose of the evaluation is to understand which service delivery techniques are most effective and under what conditions.


The evaluation will seek to understand the contribution of the pilot program to reducing energy consumption and encouraging the substitution of renewable energy resources. In part, the evaluation will examine the impact of the program on users of the service. The other achievements of the state programs, including their innovativeness and quality and quantity of service delivery output, will be examined as well. A unique aspect of this evaluation is that it is being conducted during the process of starting up the program and it is seeking to learn lessons from this dynamic situation. 

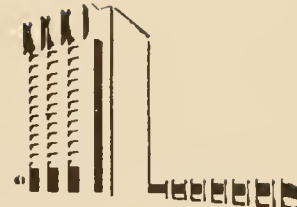
CURRENT AWARENESS LITERATURE SERVICE

Land-grant and cooperating institution (forestry) researchers are now able to take advantage of the Current Awareness Literature Service (CALs) of the Science and Education Administration, U.S. Department of Agriculture. This is a computer-based literature searching system. CALs provides recurring current awareness service (SDI) as well as retrospective searches on demand. Data bases searched in the USDA sponsored program include *Biological Abstracts/Bio Research INDEX*, *Chemical Abstracts*, *Engineering INDEX*, *Food Science and Technology Abstracts*, *World Textile Abstracts*, the CAIN/AGRICOLA file of the National Agricultural Library, and the full file of the Commonwealth Agricultural Bureaux (UK) comprised of multiple abstract journals such as *Review of Applied Entomology*, *Horticultural Abstracts*, *Soils and Fertilizers*, *Field Crop Abstracts*, and *Nutrition Abstracts*.

There is no direct charge for the service. Users build a profile that describes the topics in which they are interested. A *User's Guide* describing how to establish the profile and the various data bases is available. Researchers should work with their agricultural/biological or data base librarians in completing forms requesting service; contact Hazel Pollard, Science and Education Administration, Technical Information Systems, c/o NAL Building, Beltsville, Maryland 20705 for further information.

Once established with the service, researchers receive on a regular basis printouts of abstracts on literature fitting their search profile. This keeps users up on all new literature that has come into the service since the last printout. The service search is also available from 1969-70 to the present for several data bases. However, the main purpose of the service is "current awareness."

CALs is described in a recent article by Hilary Burton: "Multi - Data Base Searching in Agriculture, a Cooperative, Computerized Service." *Special Libraries*, 69 (7) 244-9. July 1978. 



AGRICOLA

NOVEMBER 6-10, 1978

The Technical Information Systems, Science and Education Administration is sponsoring a five-day workshop to train librarians and information specialists in the utilization of its AGRICOLA bibliographic data base in an online mode. Charles L. Gilreath, who compiled the *CAIN ONLINE USERS MANUAL*, will teach the course with the aid of terminal instructors.

The course will be held November 6-10, 1978 at the National Agricultural Library, Beltsville, Maryland.

Twenty persons will be accepted in the course with preference given to government, land-grant or agriculturally related organizations in the East. The course is introductory to the use of AGRICOLA; no prior terminal experience is required. The course will provide extensive lecture, exercise, and terminal experience with commercial systems offering AGRICOLA. All equipment, manuals and instructions will be provided. Persons wishing to attend the course should submit their names on letterhead stationery by October 20 to:

Automated Retrieval Services, TIS
National Agricultural Library Building
Beltsville, Maryland 20705

Emergency telephone reservations, or inquiries, may be made by calling (301) 344-3834.

Registrants will be responsible for their lodging, meals, and transportation. Lodgings within walking distance of the Library are:

Holiday Inn - Capital Beltway	-	Toll Free (800) 238-8000
Colonial Plaza Motel and		
Dormitories	-	(301) 474-5678
Del Haven White House Motel	-	(301) 474-6565



HAVE YOU READ?

"AGRICOLA Training Implementation by the National Agricultural Library," in *Quarterly Bulletin of the International Association of Agricultural Librarians and Documentalists* (IAALD) 23 (1-2) 1-4. 1978.



S. 3408. National Aquaculture Policy Act of 1978 provides for the development of a national policy to promote aquaculture in the United States. Senate Committee on Agriculture, Nutrition, and Forestry and the Committee on Commerce, Science, and Transportation, jointly submitted the committee report (*S. Rept. 95-1168*) on August 25.

S. 3447. Agricultural Export Trade Expansion Act of 1978 to strengthen the economy of the U.S. through increased sales abroad of American agricultural products was reported on August 23 by the Committee on Agriculture, Nutrition, and Forestry (*S. Rept. 95-1142*). Similar bill (*H. Rept. 10584*), was reported on July 10 (*H. Rept. 95-1338, pt. I*) by the House Committee on Agriculture. On August 9, part II was ordered reported with amendments by the Committee on International Relations.


S. 3384 (H. R. 13356). Agricultural Foreign Investment Information Act of 1978 requires foreign nations which acquire, transfer, or hold interests in U.S. agriculture (including leasehold interests of five years or more) to report their transactions or holdings to the Secretary of Agriculture. Reported August 8 by the Senate Committee on Agriculture, Nutrition, and Forestry (*S. Rept. 95-1072*); passed the Senate August 11.

H. R. 13356. Agricultural Foreign Investment Disclosure Act of 1978 was ordered reported by the House Committee on Agriculture, on August 16 but had not been reported as of September.

H. R. 13750. Provides the President with legislative authority to implement the International Sugar Agreement, including authority to limit entry of sugar from non-member countries or areas, prohibit the entry of sugar without documentation required by the Agreement and requires the keeping of records and submitting reports. A price objective of 16 cents per pound, a global sugar quota on a quarterly basis, and increases in the foreign quota under certain circumstances, an import fee, farm labor wage provisions for workers, and other provisions. Reported by the Committee on Agriculture (together with dissenting views and supplemental views) on August 11, 1978 (*H. Rept. 95-1484, pt. I*). House Ways and Means Committee ordered this bill, as amended, favorably reported from their committee to the House on September 6.

H.R. 13835 (S. 3460). Authorizes the establishment of an international emergency wheat reserve solely to provide for emergency food needs in developing countries; reported by both the House Committee on Agriculture and the House Committee on International Relations August 15.

S. 3460 was reported on August 24 in the Senate (*S. Rept. 95-1151*). Authorizes the Secretary of Agriculture to purchase and distribute food as needed to assist other nations to meet urgent humanitarian and other food needs. Does not include provisions for a wheat reserve as provided in *H. R. 13835*.

H. R. 13125. The Senate passed on August 10 the Agriculture, Rural Development and Related Agencies appropriation bill for FY 79. House disagreed on September 8 to the Senate amendments. Conference committee meetings to resolve the differences between the House-and Senate-passed versions is scheduled for September 12 and 13. 



The titles listed below are owned by the Library; those lacking call numbers have not yet been cataloged. The foreign titles are available from the Library through loan or photocopy.

Bibliography on the Droughts of the 30's and the 50's.
International Center for Arid and Semi-Arid Land
Studies, Texas Tech University, Lubbock, Texas 79409.
Lists over 700 publications dating back to the 1930's on
the social, economic, political, and agricultural impacts
of the two droughts. Alison Davidor and Frank L. Baird,

*Greenhouse Design, Construction, and Operation:
Citations from the Engineering Index Data Base.*
Compiled by Audrey S. Hundemann. (NTIS Search
NTIS/PS-78/0006). January 1978. 123 p.
123 citations with abstracts. Price: \$28.00.
(NAL call no.: Z5996.F55G7). Order from:
National Technical Information Service,
U.S. Department of Commerce, 5285 Port Royal Rd.,
Springfield, Virginia 22161.

Elm-Ash-Cottonwood Forest Type Bibliography.
Compiled by Stephen R. Shifley and
Kenneth M. Brown. (U.S. Department of Agriculture,
Forest Service, General Technical Report NC-42).
1978. 56 p. 679 citations. Free. Order from:
North Central Forest Experiment Station,
1992 Folwell Avenue, St. Paul, Minnesota 55108.
(NAL call no.: aSD11.A352).

*Indian Bibliography on Diseases, Pests, Nematodes
and Weeds of Paddy (1908-1976).* Compiled by
V. K. Misal. Agrihorticultural Publishing House,
52, Bajaj Nagar, Nagpur-440010, India. 1977.
208 p. 1,804 citations. Price: Rs. 30-00.
(NAL call no.: Z5074.R5M5).

Jojoba: An Annotated Bibliographic Update.
Compiled by Wade C. Sherbrooke. (Supplement to
Arid Lands Resource Information Paper No. 5).
1978. 80 p. 215 citations. Price: \$5.00.
Order from: Office of Arid Lands Studies,
University of Arizona, 845 North Park Avenue,
Tucson, Arizona 85719.
(NAL call no.: QH541.5.D4A7).

*Land Information Systems, an Annotated
Bibliography.* D. David Moyer, Madison, Wisconsin.
Natural Resource Economics Division, Economics,
Statistics, and Cooperatives Service, U.S. Department
of Agriculture in cooperation with The North
American Institute for the Modernization of Land
Data Systems.(MOLDS) 1978. 195 p. \$10.00.
Order from MOLDS c/o ACSM, 210 Little Falls Street,
Falls Church, Virginia 22046.

*U.S. Canadian Range Management, 1935-1977:
A Selected Bibliography on Ranges, Pastures,
Wildlife, Livestock, and Ranching.* (contains over
20,000 entries). Edited by John F. Vallentine.
Phoenix, Arizona, Oryx Press, 1978?. \$67.50.
ISBN 0-912700-11-4. Order from: Oryx Press,
3930 East Camelback Road, Phoenix, Arizona 85018.

AGRI-TOPICS

Cheese. Prepared by William Longenecker and
Jane Bossart, National Agricultural Library in
cooperation with Office of Laboratory Chief,
USDA, FR-NER, Eastern Regional Research
Center, Philadelphia. 2 p. August 1978.
Request from Reference Division,
NAL/TIS/SEA/USDA, National Agricultural
Library Building, Beltsville, Maryland 20705.

(Continued on page 6, col. 1)

QUICK BIBLIOGRAPHY SERIES

The bibliographies in this series are primarily computerized online or batch bibliographies emanating from searches performed by the TIS Reference Staff in response to customer requests.

Searches are selected for inclusion based on the currency of the topic, interest among clientele, relative length (approximately 150 citations or more) and probable value to a larger audience. All titles in this series will be listed for four months. Revisions or updates will be renumbered and reannounced. Only one copy of a title will be sent; however, requestors may make copies. To request a copy of a Quick Bibliography send the title, series number, and a return addressed label to:

Reference Division
Technical Information Systems, SEA, USDA
National Agricultural Library Building
Beltsville, MD 20705

- NAL -- BIBL. -- 78-05. *Double Cropping and Interplanting, 1972-1977*. 230 citations from AGRICOLA. Search by Charles N. Bebee.
- NAL -- BIBL. -- 78-06. *Careers in Agriculture, 1970-1977*. 90 citations from CAIN. Search by David R. Hoyt.
- NAL -- BIBL. -- 78-07. *Conservation in Greenhouses, 1970-1977*. 254 citations from AGRICOLA. English only. Search by Charles N. Bebee.
- NAL -- BIBL. -- 78-08. *Drip Irrigation, 1970-1977*. 265 citations from AGRICOLA. English only. Search by Charles N. Bebee.
- NAL -- BIBL. -- 78-09. *Selected research on Farm Animal Reproduction, 1971-1977*. 84 citations from CAIN. English only. Search by David R. Hoyt.
- NAL -- BIBL. -- 78-10. *Home Canning, Freezing and Preserving, 1970-1978*. 169 citations from AGRICOLA. English only. Search by Nancy H. Lewis. April 1978.
- NAL -- BIBL. -- 78-11. *Training, Management and Evaluation of Extension Work, 1970-1978*. 278 citations from AGRICOLA. English only. Search by Nancy H. Lewis. April 1978.
- NAL -- BIBL. -- 78-12. *Parity and Price Supports In Agriculture, 1970-1977*. 236 citations from CAIN. Search by David R. Hoyt. June 1978.

JOB OPENING . . . Purdue University is seeking applications for a life sciences librarian with responsibility for operating a 126,000 volume library. Requires a MSLS degree; a second master's degree in agriculture, biological sciences or related areas desirable. \$18,000 or more depending on qualifications. Faculty status. Send resume and a list of references to Personnel Officer, Libraries and Audio-Visual Center, Stewart Center, Purdue University, West Lafayette, Indiana 47907.

NEW PUBLICATIONS OF NOTE



Agricultural Terms. Oryx Press. Phoenix, Arizona, 1978. 2nd ed. (Designed as a special companion volume to the *Bibliography of Agriculture* and contains over 37,000 terms). \$13.95. ISBN 0-912700-45-9. Order from: Oryx Press, 3930 East Camelback Road, Phoenix, Arizona 85018.

Agricultural Commodities Index: Ready-Reference Index to USDA Statistical Series. Edited by Jane Buzby McFall. Phoenix, Arizona, Oryx Press, 1978. \$95.00. ISBN 0-912700-09-2. Order from: Oryx Press, 3930 East Camelback Road, Phoenix, Arizona 85018.

Directory of United Nations Information Systems and Services. Inter-Organization Board for Information Systems. Geneva, 1978. 267 p. Free. Available from the Board, Palais des Nations, CH-1211, Geneva 10, Switzerland.

Run Wild: A Computer Storage and Retrieval System for Wildlife Habitat Information in Arizona and New Mexico. Dr. R. Patton. U.S. Rocky Mountain Forest and Range Experiment Station. 1978. 8 p. Available from the Station, Fort Collins, Colorado 8052

Spatial Data on Energy, Environmental, and Socioeconomic Themes at Oak Ridge National Laboratory: 1977 Inventory. C. R. Shriner, ed. Oak Ridge, Tennessee 37830. Oak Ridge National Laboratory operated by Union Carbide Corporation for the Department of Energy. 69 p. (ORNL-5395). Printed copy: \$6.00; microfiche: \$3.00. Available from National Technical Information Service, U. S. Department of Commerce, 5285 Port Royal Road, Springfield, Virginia 22161.



Technical Information Systems reviews titles before translations are made in order to avoid duplication within USDA. We also receive copies on deposit often far in advance of their listings in the standard bibliographic tools. This column is an alert to selected new receipts at TIS.

These items are available to USDA personnel upon presentation of a loan request (AD-245) with the identification: TRANS. No. _____ along with the citation. Non-USDA persons may request photo-duplication at the rate of \$2 for each 10 pages or fraction thereof per citation. TRANS. No. _____ MUST be on the request. Both types of requests should be sent to:

Lending Division, Technical Information Systems
National Agricultural Library Building
U.S. Department of Agriculture
Beltsville, Maryland 20705

The Technical Translation Number will also be cited for those translations prepared for the U.S. Department of Agriculture and the National Science Foundation under the P.L. 480 program. Copies of these translations may also be ordered from the National Translation Center, John Crerar Library, 35 West 33rd Street, Chicago, IL 60616.

AKYNGAZIEV, I. ZH. et al. Study of the Effectiveness of Soil Looseners with Wings. Translated from Russian: *Stroitel'nye i dorozhnye mashiny*. 7: 28-30. 1977. TRANS. No. 22981.

BALOVNEV, V. I. et al. Effectiveness of Using a Double Slot-Loading Scraper Bowl. Translated from Russian: *Stroitel'nye i dorozhnye mashiny*. 8: 6-8. 1977. TRANS. No. 22978.

GADZHIEV, T. M. Disruption of Soil by a Bulldozer with a Double Knife. Translated from Russian: *Stroitel'nye i dorozhnye mashiny*. 8: 8-9. 1977. TRANS. No. 22975.

GRISHCHENKO, N. V. et al. Planning of Experiments for Testing Sweeps. Translated from Russian: *Mekhanizatsiya i elektrifikatsiya sotsialisticheskogo sel'skogo khozyaistva*. 2: 49-51. 1976. TRANS. No. 22969.

GRITSYSHIN, M. I. Analysis of the Movement of Particles of Soil Along a Rotary Working Tool in the Process of Lifting and Inverting a Slice of Soil. Translated from Russian: *Mekhanizatsiya i elektrifikatsiya sel'skogo khozyaistva*. 31: 14-18. 1975. TRANS.No. 22864.

KULIKOV, V. N. Kinematic Characteristics of the Circular Turning of a Wheeled Tractor. Translated from Russian: *Mekhanizatsiya i elektrifikatsiya sotsialisticheskogo sel'skogo khozyaistva*. 8: 46-47. 1977. TRANS. No. 22976.

MYAN, S. A. The Problem of the Relation of Soil Breakup by Rotary Tillers. Translated from Russian: *Vestn. s-kh. nauki Kazakhstana*. 2: 105-107. 1975. TRANS. No. 22970.

NOSOV, G. R. et al. Automating the Steering of Beet Harvesting Machines. Translated from Russian: *Mekhanizatsiya i elektrifikatsiya sotsialisticheskogo sel'skogo khozyaistva*. 4: 8-10. 1976. TRANS. No. 22965

POSHARNIKOV, F. V. Determination of Specific Resistance to Deformation of the Soil. Translated from Russian: *Lesnoi khozyaistvo*. 5: 57-59. 1976. TRANS. No. 22973.

RUDNEV, V. K. et al. An Experimental Self-Propelled Grader with an Air Lubricated Moldboard. Translated from Russian: *Stroitel'nye i dorozhnye mashiny*. 4: 18. 1977. TRANS. No. 22968.

CORRECTION

In the June issue of *Agricultural Libraries Information Notes*, the cover article on WESTFORNET by Ellen Cook cited three land-grant university libraries which are participating in the USDA Regional Document Delivery System. The last one listed should have been the Science and Engineering Library at Washington State University — not the University of Washington. We appreciate this error being brought to our attention and apologize for the confusion.

Ellen Newman Cook
Field Liaison



November 5-9: 3rd INTERNATIONAL CONFERENCE ON GOAT PRODUCTION AND DISEASE, Tucson, AZ. Contact: Judith Brown, Div. of Continuing Education, Babcock Bldg., Room 1201, University of Arizona, Tucson, AZ 85719.

November 6-10: 14th AMERICAN WATER RESOURCES CONFERENCE - WATER AND ENERGY ENVIRONMENT ECONOMICS, Orlando, FL. Contact: Melvin W. Anderson, Dept. of Structures, Materials and Fluids, University of South Florida, Tampa, FL 33620.

November 8-10: NATIONAL SYMPOSIUM ON WETLANDS, Orlando, FL. Contact: Phillip E. Greison, U.S. Geological Survey, WRD, National Center, MS 412, Reston, VA 22092.

November 12-15: NATIONAL ASSOCIATION OF STATE UNIVERSITIES AND LAND-GRANT COLLEGES, St. Louis, MO. Contact: Russell I. Thackrey, Sec., 1 Dupont Circle, Suite 710, N.W., Washington, DC 20036.

November 13-17: AMERICAN SOCIETY FOR INFORMATION SCIENCE (ASIS), 41st Annual Conference, New York Hilton Hotel, New York, NY.

November 14-16: 3rd MIDWESTERN CONFERENCE ON FOOD AND SOCIAL POLICY, South Sioux City, NE. Contact: Gary Koerselman, Conference Director, Box 65, Morningside College, Sioux City, IA 51106 (712-277-5224)

November 15-16: SOLAR ENERGY APPLICATIONS, Miami Beach, FL. Sponsor: American Institute of Chemical Engineers, N.Y. Contact: American Institute of Chemical Engineers, 345 E. 47th St., New York, NY 10017 (212-644-7526).

November 26-30: ENTOMOLOGICAL SOCIETY OF AMERICA, Houston, TX. Contact: Wallace P. Murdock, Exec Sec., 4603 Calvert Rd., College Park, MD 20740.

November 27-29: BLACK LAND-GRANTS AND AGRICULTURAL INFORMATION; two-day meeting sponsored by the Library Directors of the 1890 Land-Grants and Technical Information Systems, SEA, USDA. Huntsville, Ala. Contact: Barbara Williams, S.C. State College, Orangeburg 29115.

December 4-7: INTERNATIONAL SYMPOSIUM ON ANIMAL HEALTH AND DISEASE DATA BANKS, Washington, D.C. Contact: Edwin Pilchard, Emergency Programs Information Center, USDA, Room 757, Federal Center Building, Hyattsville, MD 20782.

December 11-15: INTERNATIONAL SYMPOSIUM ON THE USE OF ISOTOPES AND RADIATION IN RESEARCH AND SOIL-PLANT RELATIONSHIPS, Colombo, Sri Lanka. Contact: John H. Kane, Special Assistant for Conferences, Office of Technical Information MS A1-5216, ERDA, Washington, D.C. 20545.

December 18-21: AMERICAN SOCIETY OF AGRICULTURAL ENGINEERS, Chicago, IL. Contact: Russell H. Hahn, Asst. Sec., Box 410, St. Joseph, MI 49085.

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April 1-6: PACIFIC CHEMICAL CONFERENCE 1979: 38th NATIONAL MEETING OF CHEMICAL SOCIETY OF JAPAN AND 177th NATIONAL MEETING OF AMERICAN CHEMICAL SOCIETY. Honolulu, Hawaii. Contact: A.T. Winstead, American Chemical Society, 1155 16th St., N.W., Washington, D.C. 20036. (202-872-4396)

August 5-12: 9th INTERNATIONAL CONGRESS OF PLANT PROTECTION, Washington, D.C. Contact: James G. Horsfall, Connecticut Agricultural Experiment Station, Box 1106, New Haven, CT 06504.

AGRICULTURAL LIBRARIES INFORMATION NOTES is published monthly by the U.S. Department of Agriculture, Science and Education Administration, Technical Information Systems, National Agricultural Library Building, Beltsville, MD 20705. Leila Moran, Editor.